

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--|------------------|---------|---------------------|
| S1    | 3634 | 252/500.ccls.                                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND              | ON      | 2008/04/02<br>16:48 |
| S2    | 735  | S1 thermoplastic                                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND              | ON      | 2008/04/02<br>16:49 |
| S3    | 384  | S2 (zinc or bismuth or tin)                         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND              | ON      | 2008/04/02<br>16:50 |
| S4    | 249  | S3 (copper or (copper adj alloy))                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND              | ON      | 2008/04/02<br>16:50 |
| S5    | 22   | ("4830779").URPN.                                   | USPAT  | AND              | ON      | 2008/04/02<br>16:55 |
| S6    | 9    | (4882227 554678 6274070).pn.                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND              | ON      | 2008/04/02<br>17:10 |
| S7    | 6    | "5554678"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND              | ON      | 2008/04/02<br>17:11 |
| S8    | 17   | ("4882227").URPN.                                   | USPAT  | AND              | ON      | 2008/04/02<br>17:22 |
| S9    | 2480 | 428/407.ccls.                                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND              | ON      | 2008/04/02<br>17:47 |
| S10   | 2689 | 252/511.ccls.                                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND              | ON      | 2008/04/03<br>08:50 |
| S11   | 177  | S10 copper (volume adj (resistance or resistivity)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND              | ON      | 2008/04/03<br>08:54 |
| S12   | 7    | ("3083169").URPN.                                   | USPAT  | AND              | ON      | 2008/04/03<br>08:55 |

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| S13 | 72  | S11 lead  | USPAT  | AND | ON | 2008/04/03<br>08:55 |
| S14 | 49  | S13 thermoplastic   | US-PGPUB;<br>USPAT; USOCR                          | AND | ON | 2008/04/03<br>08:57 |
| S15 | 4   | ("4404447"  <br>"4533685"  <br>"4566990"  <br>"4604413").PN.  | US-PGPUB;<br>USPAT; USOCR                          | AND | ON | 2008/04/03<br>09:00 |
| S16 | 2   | "6573322"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/04/03<br>09:13 |
| S17 | 3   | ("4748193"  <br>"4776979"  <br>"5250585").PN.   | US-PGPUB;<br>USPAT; USOCR                          | AND | ON | 2008/04/03<br>09:13 |
| S18 | 803 | 524/434.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/04/03<br>09:13 |
| S19 | 92  | S18 lead thermoplastic  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/04/03<br>09:14 |
| S20 | 7   | S19 (volume adj<br>(resistance or<br>resistivity))  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/04/03<br>09:14 |
| S21 | 10  | ("3609104"  <br>"3746662"  <br>"4610808"  <br>"5412014"  <br>"5538793"  <br>"6361716"  <br>"6433057"  <br>"6465082"  <br>"6469090").PN. | US-PGPUB;<br>USPAT; USOCR                          | AND | ON | 2008/04/03<br>09:16 |
| S22 | 244 | "4545926"   | US-PGPUB;<br>USPAT; USOCR                          | AND | ON | 2008/04/03<br>09:19 |
| S23 | 153 | ("4545926").URPN.   | USPAT  | AND | ON | 2008/04/03<br>09:19 |
| S24 | 5   | "6182486"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/04/03<br>09:28 |

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| S25 | 6    | ("4450977"  <br>"4474685"  <br>"5055143"  <br>"5193265"  <br>"5531851"  <br>"6029269").PN.           | US-PGPUB;<br>USPAT; USOCR                          | AND | ON | 2008/04/03<br>09:34 |
| S26 | 42   | ("4474685").URPN.  | USPAT  | AND | ON | 2008/04/03<br>09:35 |
| S27 | 2222 | 252/512.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/04/03<br>09:43 |
| S28 | 38   | S27 copper (volume<br>adj (resistance or<br>resistivity)) lead<br>thermoplastic                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/04/03<br>09:43 |
| S29 | 42   | S27 (volume adj<br>(resistance or<br>resistivity)) lead<br>thermoplastic                             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/04/03<br>09:43 |
| S30 | 3    | ("4582661").URPN.  | USPAT  | AND | ON | 2008/04/03<br>09:46 |
| S31 | 8    | (thermoplastic bismuth.<br>ab.) (metal\$3 near3<br>fibers)   | US-PGPUB;<br>USPAT; USOCR                          | AND | ON | 2008/11/24<br>16:37 |
| S32 | 4    | ("5554678").URPN.  | USPAT  | AND | ON | 2008/11/24<br>16:51 |
| S33 | 2    | "6685854"  | USPAT  | AND | ON | 2008/11/24<br>16:52 |
| S34 | 6    | "6685854"  | US-PGPUB;<br>USPAT; USOCR                          | AND | ON | 2008/11/24<br>16:52 |
| S35 | 5388 | 252/500-503.ccls.  | US-PGPUB;<br>USPAT; USOCR                          | AND | ON | 2008/11/24<br>16:55 |
| S36 | 110  | S35 (((metal\$3 or<br>conductive) near3<br>fiber) same ("30" or<br>"35" or "40" or "45" or<br>"50")) | US-PGPUB;<br>USPAT; USOCR                          | AND | ON | 2008/11/24<br>16:56 |
| S37 | 10   | S36 (thermoplastic.<br>ab.)  | US-PGPUB;<br>USPAT; USOCR                          | AND | ON | 2008/11/24<br>16:57 |
| S38 | 57   | S36 (thermoplastic)  | US-PGPUB;<br>USPAT; USOCR                          | AND | ON | 2008/11/24<br>16:57 |
| S39 | 4    | S38 ((low near3 melt<br>\$3) same metal)   | US-PGPUB;<br>USPAT; USOCR                          | AND | ON | 2008/11/24<br>17:01 |
| S40 | 2666 | (digital near3 image)<br>same (ceramic or<br>glass)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/11/25<br>09:06 |

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| S41 | 7   | S40 (screen adj print \$3).ab.                                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/11/25<br>09:06 |
| S42 | 307 | (digital near3 image) same ((ceramic or glass) same substrate)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/11/25<br>09:07 |
| S43 | 4   | S42 (screen adj print \$3).ab.                                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/11/25<br>09:07 |
| S44 | 195 | (digital near3 image) same ((ceramic or glass) near3 substrate) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/11/25<br>09:08 |
| S45 | 2   | "20070092295"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/11/25<br>09:12 |
| S46 | 42  | mcp adj "200"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2009/06/25<br>09:36 |
| S47 | 73  | (leadless or (lead adj (less or free))) near5 thermoplastic     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2009/06/25<br>09:46 |

**6/ 25/ 2009 3:03:32 PM**

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